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(54) THERMOPLASTIC RESIN COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject composition excellent in molding stability, capable of improving the appearance and surface of an obtained molded product and useful for large precision machine parts, large automotive parts, etc., by adding a specified phosphorus compound to a composition containing an aromatic polycarbonate resin and an inorganic reinforcing filler.

SOLUTION: This thermoplastic resin composition is obtained by adding (B) ≥1 pt.wt. of an inorganic filler and (C) a phosphorus compound of the formula (R1 is a 1-40C alkyl; R2-R5 are each a 1-10C alkyl, an aryl) in an amount of 0.1-10 pts.wt. per 100 pts.wt. of the inorganic reinforcing filler to (A) 100 pts.wt. of a thermoplastic resin composition containing at least 30wt.% of an aromatic polycarbonate. The thermoplastic resin composition can be applied to an arbitrary melt molding method, such as an injection molding method, an extrusion molding method or a compression molding method.

$$R^{1} - SO_{3} - P$$

$$\vdots$$

$$R^{3}$$

$$R^{5}$$

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